

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A transmission joint sealing boot for use with an interconnecting shaft of a transmission joint, the transmission joint sealing boot comprising:
a body portion having a central inner cavity defined by an inner wall, said inner cavity having a circumference smaller than a circumference of an interconnecting shaft so as to provide an interference fit, a first end having a mating surface connecting with the transmission joint and a second end disposed opposite said first end wherein said body portion is manufactured from a foam base material.
2. (Original) A transmission joint sealing boot as in claim 1 wherein said foam material is foam rubber.
3. (Original) A transmission joint sealing boot as in claim 1 wherein said foam material is a closed cell material.
4. (Original) A transmission joint sealing boot as in claim 1 wherein said foam material is a closed cell silicone material.
5. (Original) A transmission joint sealing boot as in claim 1 wherein said first end mating surface includes a cage section which is shaped to mate with a cage of said transmission joint and an outer race section which is shaped to mate with an outer race of said transmission joint.
6. (Original) A transmission joint sealing boot as in claim 1 wherein said foam based material has a density in a range from 10 kg/m^3 to 27 kg/m^3 .
7. (Original) A transmission joint sealing boot as in claim 1 wherein said foam based material is heat resistant to 450° Fahrenheit.

8. (Currently Amended) A constant velocity joint boot for use with a constant velocity joint and an interconnecting shaft, said constant velocity joint boot comprising:

a body portion having a central inner cavity defined by an inner wall, said inner cavity having a circumference smaller than the circumference of said interconnecting shaft so as to provide an interference fit, a first end having a mating surface contacting the constant velocity joint and a second end disposed opposite said first end and contacting said interconnecting shaft, wherein said body portion is manufactured from a foam based material.
9. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material is foam rubber.
10. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material is a closed cell material.
11. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material is a closed cell silicone material.
12. (Original) A constant velocity joint boot as in claim 7 wherein said first end mating surface includes a cage section which is shaped to mate with a cage of said transmission joint and an outer race section which is shaped to mate with an outer race of said constant velocity joint.
13. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material has a density in a range from 10 kg/m^3 to 27 kg/m^3 .
14. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material is heat resistant to 450° Fahrenheit.
15. (Currently Amended) A constant velocity joint boot for use with a constant velocity joint and an interconnecting shaft, said constant velocity joint boot comprising:

a body portion having a central inner cavity defined by an inner wall, said inner cavity having a circumference smaller than the circumference of said interconnecting shaft so as to provide an interference fit, an outer wall defining at least one convolute, said body portion also including a first end having a mating surface contacting the constant velocity joint and a second end disposed opposite said first end and contacting said interconnecting shaft, wherein said body portion is manufactured from a foam based material.

16. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is foam rubber.
17. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is a closed cell material.
18. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is a closed cell silicone material.
19. (Original) A constant velocity joint boot as in claim 15 wherein said first end mating surface includes a cage section which is shaped to mate with a cage of said transmission joint and an outer race section which is shaped to mate with an outer race of said constant velocity joint.
20. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material has a density in a range from 10 kg/m^3 to 27 kg/m^3 .
21. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is heat resistant to $450^\circ \text{ Fahrenheit}$.
22. (New) A transmission joint sealing boot as in claim 1 further including at least one chamfer portion formed on the second end of the body portion to facilitate entry of the interconnecting shaft into the central cavity.